

364012/19/05

**CITY OF RIVERSIDE**  
**HUMAN RESOURCES DEPARTMENT**  
**CLASSIFICATION SPECIFICATION**

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Revised

**TITLE: UTILITIES ASSISTANT WATER WORKS PIPEFITTER**

**DEFINITION**

Under supervision, to perform semi-skilled work in a variety of water system construction and maintenance activities; and to do related work as required.

**DISTINGUISHING CHARACTERISTICS****REPORTS TO:****SUPERVISION RECEIVED AND EXERCISED****EXAMPLES OF DUTIES**

Duties may include, but are not limited to, the following:

- Assist in cutting, fitting, laying and repairing of water mains; clean and flush water mains; perform repairs to mains, services, valves and hydrants.
- Make minor repairs and participate in major irrigation system repairs; clean up debris and control weeds and moss in canals.
- Repair meters and detector check mechanisms, disassembling, cleaning, inspecting, replacing worn parts, reassembling and testing for accuracy and leaks; assist in meter installation.
- Operate a truck, backhoe, construction equipment, and a variety of hand and power tools in water system construction and maintenance work; maintain hand and power tools.
- Maintain records and reports
- Operate a truck; perform minor servicing to truck and report mechanical or other problems; keep truck stocked with materials and supplies.

**QUALIFICATIONS****Knowledge of:**

- Methods, materials, practices and tools required for pipeline, hydrant, service and meter installation, testing, and repair.
- Occupational, public health and safety hazards as related to assignment.
- Water distribution system and facilities.

**Ability to:**

- Understand and follow oral and written instructions, including engineered blueprints and system maps.
- Perform manual work under varying weather conditions.
- Be trained in the operation of a variety of construction equipment used in the installation and repair of water facilities.

- Work under emergency conditions day or night and be willing to work when called any time during a 24 hour period.
- Use, repair and care for small hand tools and mechanical equipment related to the water utility.
- Maintain reports and records.

**Education and Experience:**

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to completion of the twelfth grade.

Experience: One year of pipe fitting experience with a pipeline company, governmental agency or private domestic water system.

**MEDICAL CATEGORY:** Group 2

**NECESSARY SPECIAL REQUIREMENT**

Possession of or ability to obtain a valid California motor vehicle operator's license of the appropriate class required by assignment.

Possession of or ability to obtain within one year, a valid AWWA Water Distribution Operator Certificate Grade I; a valid California Department of Health Water Treatment Operator Certificate Grade I.

**CAREER ADVANCEMENT OPPORTUNITIES**

**FROM:** Utilities Assistant Water Works Pipefitter

**TO:** Utilities Water Works Pipefitter